

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER <b>107594715</b>
INTERNATIONAL APPLICATION NO. <b>PCT/CA2005/001537</b>	INTERNATIONAL FILING DATE	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
TITLE OF INVENTION <i>System and method of Parallel Load/flow calculation for Electrical Power System</i>		PRIORITY DATE CLAIMED
APPLICANT(S) FOR DO/EO/US <b>Sureshchandra B. Patel</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/594715	PCT/CA2005/001537	
20. Other items or information: I believe there is no multiple dependent claim. However, if USPTO considers there is any additional \$180.00 may be charged to my credit card		
The following fees have been submitted		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300		
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		
<b>TOTAL OF 21, 22 and 23 =</b> 900		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
- 100 =	/50 =	x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	- 20 =	x \$50
Independent claims	- 3 =	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		
<b>TOTAL OF ABOVE CALCULATIONS =</b> 450		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		
<b>SUBTOTAL =</b> 450		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). + \$0		
<b>TOTAL NATIONAL FEE =</b> 450		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$0		
<b>TOTAL FEES ENCLOSED =</b> 450		
Amount to be refunded:		\$ 000
Amount to be charged:		\$ 450

10/594715  
IAP2 Rec'd PCT/PTO 29 SEP 2006

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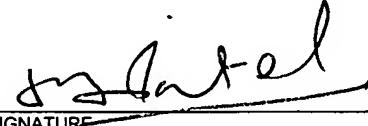
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- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
\_\_\_\_\_  
SIGNATURE

Sureshchandra B. Patel  
\_\_\_\_\_  
NAME

Irvention  
\_\_\_\_\_  
REGISTRATION NUMBER

Suresh Patel



37 Miller Street  
Toronto, Ontario M6N 2Z6  
Email: trutth@yahoo.com; CANADA

September 28, 2006

Commissioner of Patents (USPTO)  
Customer Service Window  
Mail Stop PCT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314, USA  
Phone: (1-703) 305 31 65 (applications)  
Phone: (1-571) 272 43 00 (PCT Help Desk)

**Subject:** 1. Entry into USA-national-phase (**continuation-in-part-application**) and the first Amendment of patent application No. PCT/CA2005/001537 dated September 30, 2005, amendment include the addition of new method DGSPL method and description of the prior art system on the lines of my prior application PCT/CA2003/001312  
2. This may be considered as new application with priority date of PCT/CA2005/001537, because of new added invention

**Ref:** PCT/CA2003/001537: System and Method of Parallel Loadflow Calculation for Electrical Power System

Dear Sir/Madam,

Enclosed please find:

1. Amended copy of description, claims, abstract, and 7-figurs in 12-pages of my application no. PCT/CA2003/001312 (59-pages)
2. Filled and signed: Recordation form cover sheet (form PTO-1595), Transmittal letter to the United States (PTO-1390), Credit card payment form (PTO-2038), Declaration for Utility or Design Patent Applications (PTO/SB/01), and Correspondence address indication form (PTO/SB/81) (8-pages)

The description include a new invention of Decoupled Gauss-Seidel-Patel Loadflow (DGSPL) method with a figure on two page, and little addition of the method of determining acceleration factor without any figure. Also added is the description of the prior art system where the invention is used for claiming and establishing the utility of the invention just as was done for my prior application PCT/CA2003/001312. It is believed that this short description about the amendment will sufficiently identify the amendment and therefore detailed mark-up copy is not included. It is also because this application can be considered as new with priority date of my application PCT/CA2005/001537.

10/594715  
IAP2 Rec'd PCT/PTO 29 SEP 2006

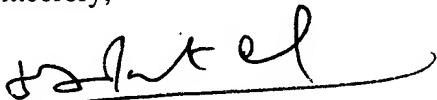
Claims are completely rewritten to reflect the new added material, and they are formulated in the same way of my previous application PCT/CA2003/001312 that has entered into various national phase.

**I have made this application as individual, and therefore, I claim status of small entity. Payment fees for charging to my credit card account are calculated for small entity.**

I could know from USPTO website that Transmittal letter form PTO-1390 is not suitable for continuation-in-part applications. However, I could not find any alternative special purpose form for continuation-in-part applications. Therefore, I have filled and signed transmittal letter form PTO-1390.

Hope, this will meet the requirement at USPTO.

Sincerely,



Suresh Patel

Enclosures: Amended copy of my application PCT/CA2005/001537 or new application with priority claim of PCT/CA2005/001537 (59-pages) + Filled and signed USPTO forms (8-pages) + this cover letter (2-pages) = total 69-pages.

Hope, this will meet the requirements for entry into Australian National Phase

Sincerely,

Suresh Patel